



# Status of Zebra Mussels in Texas

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# **ZEBRA MUSSEL**

## ***Dreissena polymorpha***





**A one inch mussel may have up to 600 byssal threads holding it in place.**

**From UACOE website**

**Zebra  
mussel**





*Dreissena polymorpha*  
(Actual size is 15 mm)



Sits flat on ventral side  
Triangular in shape  
Color patterns vary

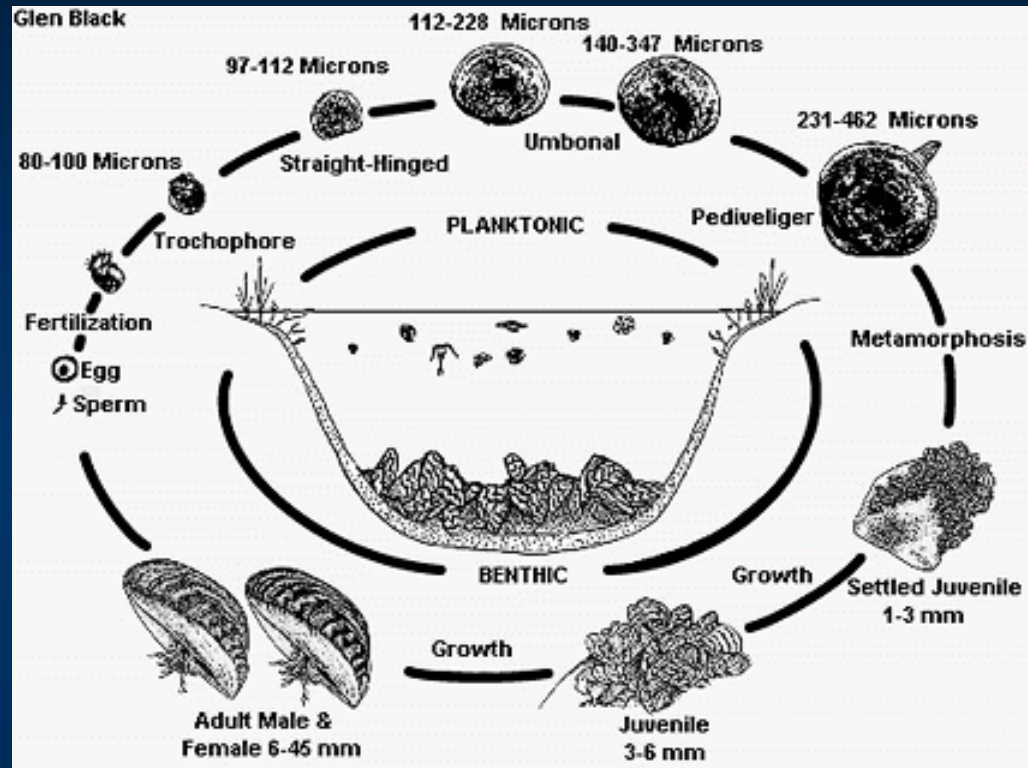
*Dreissena bugensis*  
(Actual size is 20 mm)



Topples over; will not sit flat on ventral side  
Rounder in shape  
Usually have dark concentric rings on shell  
Paler in color near the hinge

Photo by Myriah Richerson

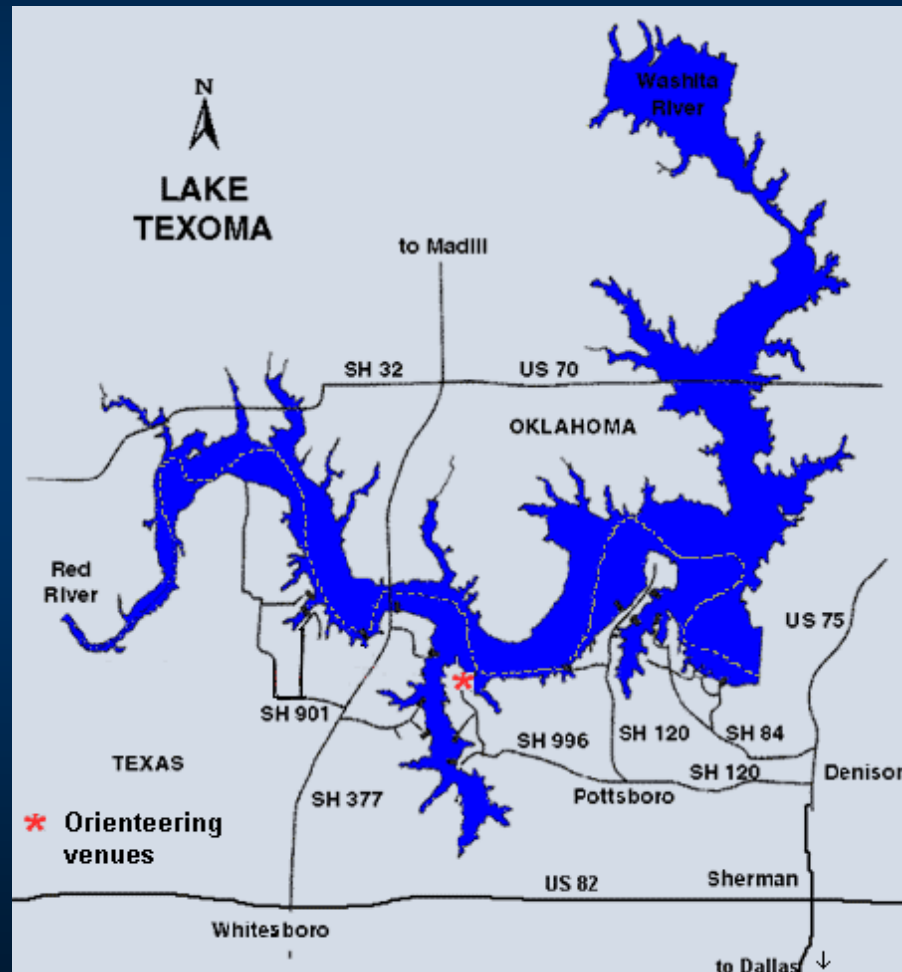
From USGS website



From UACOE website

# Lake Texoma

April 3, 2009

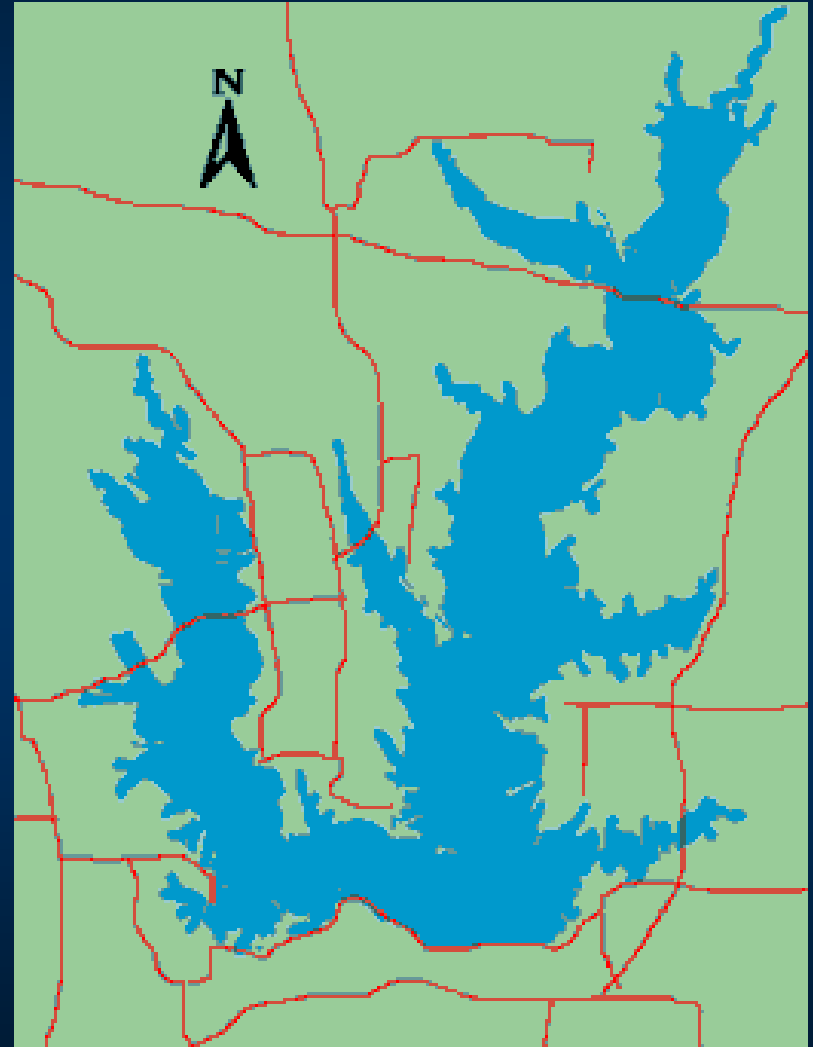


# West Prong of Sister Grove Creek

August 3, 2009



# Lake Lavon





# Possible range in the Trinity River Basin



# APPLESNAILS

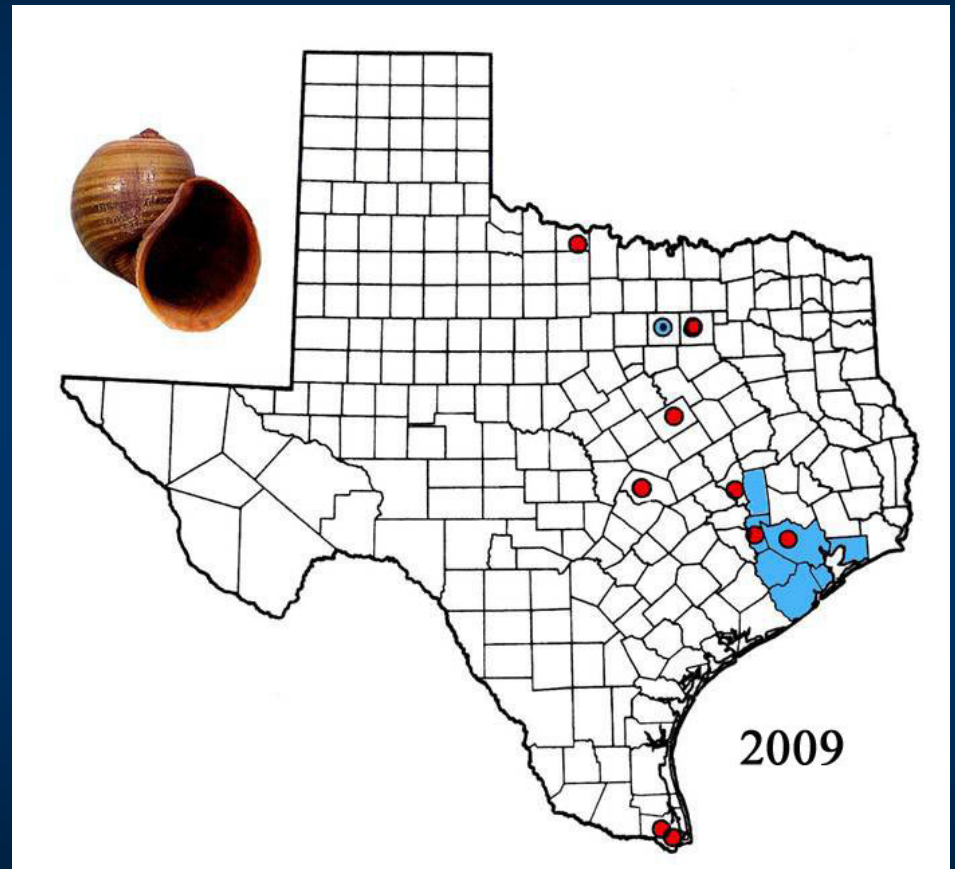
In the 1950s, *Pomacea* spp. Became popular in the aquarium trade.



# APPLESNAIL

## *Pomacea insularum*

Originally called *P. canaliculata* or *P. canaliculata*-complex, it currently occurs in seven Texas counties) and has been expanding its range for at least 10 years.



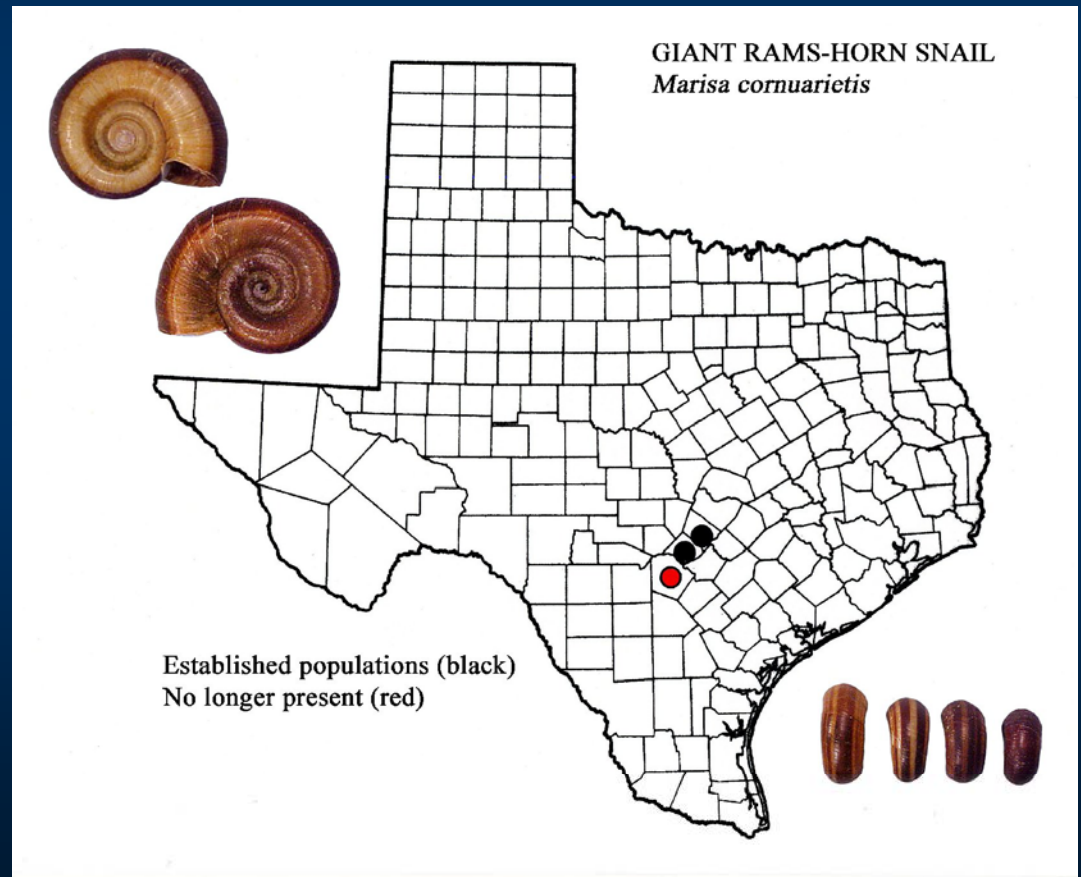
Studies in 2009 failed to find rat lungworm (*Angiostrongylus cantonensis*) in Texas applesnails, but this parasite does occur in populations in New Orleans.



# GIANT RAMS-HORN SNAIL

## *Marisa cornuarietis*

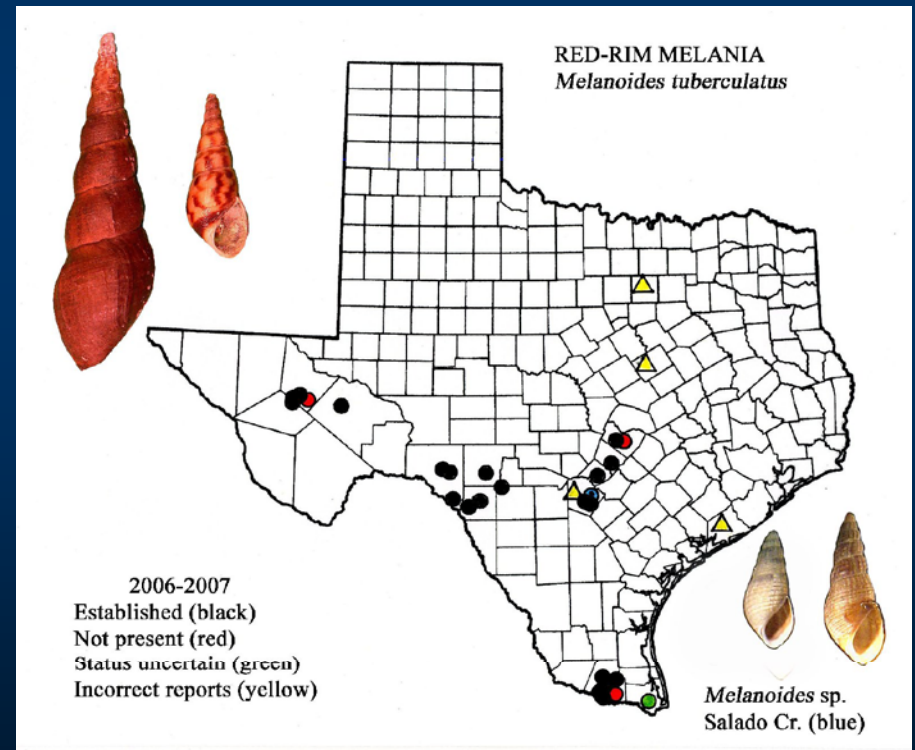
Reported present in the San Marcos and Comal rivers, but not in the San Antonio (Karatayev and Burlakova 2007).



# RED-RIM MELANIA

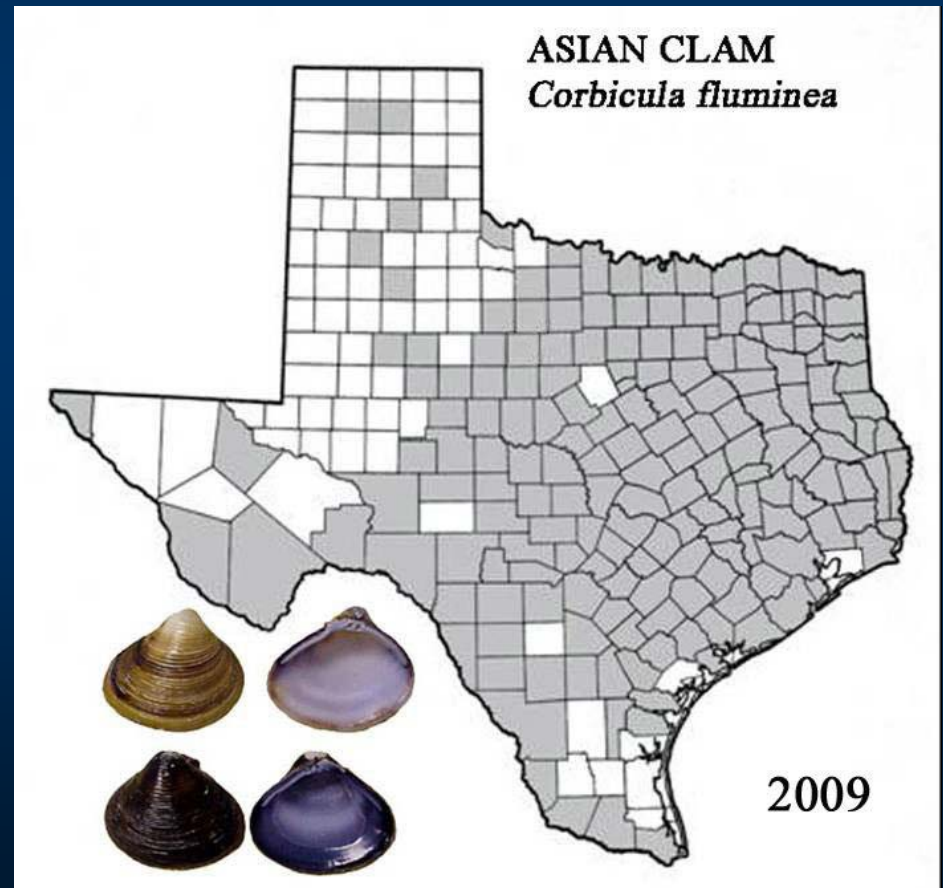
## *Melanoides tuberculatus*

This species can serve as a host for Chinese liver fluke *Clonorchis sinensis* and Oriental lung fluke *Paragonimus westermani*.



# ASIAN CLAMS

## *Corbicula fluminea* & *Corbicula* sp.





**TEXAS**

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**PARKS &**

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**WILDLIFE**